

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	GAU: Unassign d
)	
M. Takada, H. Minoura,)	Examiner: Unassigned
K. Tsukada, H. Kobayashi and)	
M. Kondo)	<u>INFORMATION DISCLOSURE</u>
)	<u>STATEMENT</u>
Application No.: 09/380,994)	
)	
Filed: September 13, 1999)	2600 Aramark Tower
)	1101 Market Street
For: PRINTED WIRING BOARD AND)	Philadelphia, PA 19107
METHOD FOR MANUFACTURING)	
THE SAME)	
)	

The Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING
I hereby certify that this correspondence is
being deposited with the United States Postal
Service First Class Mail in an envelope
addressed to: Box Patent Application, The
Assistant Commissioner for Patents,
Washington, D.C. 20231, on December 13, 1999.

Madelyn C. Vogt
Madelyn C. Vogt

Sir:

Applicants submit herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☒ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☐ as far as is known to the undersigned, is filed before the mailing date of a first Office action on the merits.

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Docket No. 23,128USA

- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$230) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

- (h) ☒ each (i) ☐ none (j) ☐ only those listed below:

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-3-

Docket No. 23,128USA

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application Serial No. _____, filed _____ and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☐ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s)
[Required]
- (n) ☒ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

REMARKS REGARDING CITED ART

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is

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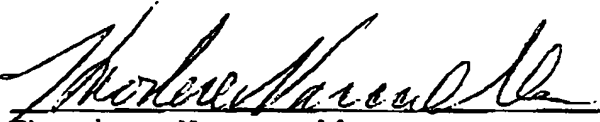
Docket No. 23,128USA

submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

[X] The Commissioner is hereby authorized to charge our Deposit Account No. 19-5425 for any fees required in connection with the filing of this Information Disclosure Statement. A duplicate copy of this Notice is enclosed for this purpose. In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

Dated: 12.13.99



Theodore Naccarella
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Attorney for Applicants

Form PTO-1449 M dified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No.		Application No.	
		23,128 USA		09/380,994	
		Applicant(s) M. Takada, H. Minoura, K. Tsukada, H. Kobayashi and M. Kondo			
		Filing Date		Group	
		September 13, 1999		Unassigned	
U.S. PATENT DOCUMENTS					
Examiner Initials		Document No.	Date	Name	Class
FOREIGN PATENT DOCUMENTS					
Examiner Initials					Yes No
	AA	3-244194	10/30/1991	Japan	X
	AB	5-335440	12/17/1993	Japan	X
	AC	8-31979	02/02/1996	Japan	X
	AD	8-298298	11/12/1996	Japan	X
	AE	8-279571	10/22/1996	Japan	X
OTHER PUBLICATIONS (Including Author, Title, Date Pertinent Pages, Etc.)					
Examiner			Date Considered		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) GAU: 2841
)
 M. Takada, H. Minoura,) Examiner: R. Beddering
 H. Kobayashi, K. Tsukada)
 and M. Kondo) INFORMATION DISCLOSURE
) STATEMENT
 Application No.: 09/380,994)
)
 Filed: September 13, 1999) 2600 Aramark Tower
) 1101 Market Street
 For: PRINTED WIRING BOARD AND) Philadelphia, PA 19107
 METHOD FOR MANUFACTURING)
 SAME)

The Assistant Commissioner of
 Patents and Trademarks
 Washington, D.C. 20231

CERTIFICATE OF MAILING
 I hereby certify that this correspondence is
 being deposited with the United States Postal
 Service First Class Mail in an envelope
 addressed to: The Commissioner for Patents and
 Trademarks, Washington, D.C. 20231, on
 January 2, 2002.

/s/ Denise Grisack
 Denise Grisack

Sir:

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 information [attached hereto and listed on the attached Form
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 and in respect of which there may be a duty to disclose in
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-4-

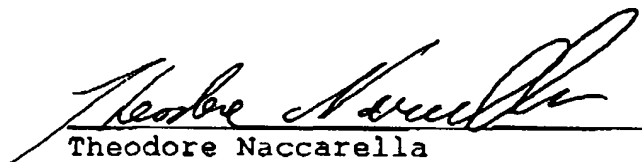
Docket No.23,128

mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

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Respectfully submitted,

Dated: 1.02.02


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Attorney for Applicants
Lucent Technologies, Inc.

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-2-

Docket No.23,128

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- (f) ☐ is filed before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. §1.114.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

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- (h) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

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-3-

Docket No.23,128

(i) ☒ each (j) ☐ none (k) ☐ only those listed below:

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In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to

Sheet 1 of 1

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No.	Application No.
	23,128 USA	09/380,994
	Applicant(s) M. Takada, H. Minoura, H. Kobayashi, K. Tsukada and M. Kondo	
	Filing Date September 13, 1999	Group 2841

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA	5,636,104	June 3, 1997	Oh	361	777
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Country	Translation	
					Yes	No
	AL	96-42902	December 21, 1996	Korean		X
	AM	EPO376100	July 4, 1990	EPO		X
	AN					
	AO					
	AP					

OTHER PUBLICATIONS (Including Author, Title, Date Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

Examiner	Date Considered
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